

WEST Search History

DATE: Thursday, December 02, 2004

Hide?	<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>
		<i>DB=USPT; PLUR=YES; OP=ADJ</i>	
<input type="checkbox"/>	L6	l1 and unrecorded near10 state\$	11
<input type="checkbox"/>	L5	L4 same unrecord\$	0
<input type="checkbox"/>	L4	L3 same crystal\$	22
<input type="checkbox"/>	L3	L2 same amorph\$	29
<input type="checkbox"/>	L2	L1 same eras\$	38
<input type="checkbox"/>	L1	(medi\$2 or dis\$2 or carrier) same optical same phase adj2 change same recrystal\$	48

END OF SEARCH HISTORY

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Search Results - Record(s) 1 through 11 of 11 returned.

☐ 1. Document ID: US 6811949 B2

L6: Entry 1 of 11

File: USPT

Nov 2, 2004

US-PAT-NO: 6811949

DOCUMENT-IDENTIFIER: US 6811949 B2

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: November 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 2. Document ID: US 6661760 B2

L6: Entry 2 of 11

File: USPT

Dec 9, 2003

US-PAT-NO: 6661760

DOCUMENT-IDENTIFIER: US 6661760 B2

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.11; 369/116, 369/59.12, 369/59.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 3. Document ID: US 6587425 B2

L6: Entry 3 of 11

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 369/288, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw De
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☐ 4. Document ID: US 6567367 B2

L6: Entry 4 of 11

File: USPT

May 20, 2003

US-PAT-NO: 6567367

DOCUMENT-IDENTIFIER: US 6567367 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/116; 369/275.3, 369/47.51

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KWIC	Draw De
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☐ 5. Document ID: US 6411579 B1

L6: Entry 5 of 11

File: USPT

Jun 25, 2002

US-PAT-NO: 6411579

DOCUMENT-IDENTIFIER: US 6411579 B1

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.12; 369/116, 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 6. Document ID: US 6294310 B1

L6: Entry 6 of 11

File: USPT

Sep 25, 2001

US-PAT-NO: 6294310

DOCUMENT-IDENTIFIER: US 6294310 B1

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 369/288, 428/64.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 7. Document ID: US 6143468 A

L6: Entry 7 of 11

File: USPT

Nov 7, 2000

US-PAT-NO: 6143468

DOCUMENT-IDENTIFIER: US 6143468 A

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 8. Document ID: US 6128273 A

L6: Entry 8 of 11

File: USPT

Oct 3, 2000

US-PAT-NO: 6128273

DOCUMENT-IDENTIFIER: US 6128273 A

TITLE: Optical phase-change disc

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP
Takada; Ken-Ichi	Miyagi			JP

US-CL-CURRENT: 369/275.4; 369/275.1, 369/44.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 9. Document ID: US 6115353 A

L6: Entry 9 of 11

File: USPT

Sep 5, 2000

US-PAT-NO: 6115353

DOCUMENT-IDENTIFIER: US 6115353 A

TITLE: Optical phase-change disc having a grooved substrate, with the groove having specific wobbled and non-wobbled regions

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP

Takada; Ken-Ichi

Miyagi

JP

US-CL-CURRENT: 369/275.4; 369/275.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 10. Document ID: US 5986997 A

L6: Entry 10 of 11

File: USPT

Nov 16, 1999

US-PAT-NO: 5986997

DOCUMENT-IDENTIFIER: US 5986997 A

TITLE: Updatable optical data storage disc having reduced crosstalk between tracks, and drive for same

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Challener, IV; William A.	Grant Township	MN		

US-CL-CURRENT: 369/121; 369/107, 369/275.1, 369/275.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 11. Document ID: US 5862123 A

L6: Entry 11 of 11

File: USPT

Jan 19, 1999

US-PAT-NO: 5862123

DOCUMENT-IDENTIFIER: US 5862123 A

TITLE: Optical phase-change disc

DATE-ISSUED: January 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP
Takada; Ken-Ichi	Miyagi			JP

US-CL-CURRENT: 369/275.4; 369/275.1, 369/44.13

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawn De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
L1 and unrecorded near10 state\$	11

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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
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Search Results - Record(s) 1 through 48 of 48 returned.

☐ 1. Document ID: US 6826140 B2

L1: Entry 1 of 48

File: USPT

Nov 30, 2004

US-PAT-NO: 6826140

DOCUMENT-IDENTIFIER: US 6826140 B2

TITLE: Multichannel digital recording system with multi-user detection

DATE-ISSUED: November 30, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Brommer; Karl D.	Hampton Falls	NH		
MacLeod; Robert B.	Nasuha	NH		
Schmidt; Michael P.	Hollis	NH		

US-CL-CURRENT: 369/94; 369/124.02, 369/124.04, 369/47.19, 369/59.22

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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☐ 2. Document ID: US 6822937 B2

L1: Entry 2 of 48

File: USPT

Nov 23, 2004

US-PAT-NO: 6822937

DOCUMENT-IDENTIFIER: US 6822937 B2

TITLE: Optical information medium

DATE-ISSUED: November 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Tsukagoshi; Takuya	Chou-ku			JP
Nakayama; Yoichi	Chuo-ku			JP
Komaki; Tsuyoshi	Chuo-ku			JP

US-CL-CURRENT: 369/275.3; 369/286

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWC	Draw D
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h e b b g e e e f e e ef b e

☐ 3. Document ID: US 6811949 B2

L1: Entry 3 of 48

File: USPT

Nov 2, 2004

US-PAT-NO: 6811949

DOCUMENT-IDENTIFIER: US 6811949 B2

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: November 2, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 4. Document ID: US 6806030 B2

L1: Entry 4 of 48

File: USPT

Oct 19, 2004

US-PAT-NO: 6806030

DOCUMENT-IDENTIFIER: US 6806030 B2

TITLE: Information recording medium and method for manufacturing information recording medium

DATE-ISSUED: October 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Terao; Motoyasu	Hinode			JP
Miyamoto; Makoto	Ome			JP
Miyauchi; Yasushi	Akishima			JP
Ando; Keikichi	Musashino			JP
Anzai; Yumiko	Ome			JP
Ushiyama; Junko	Kokubunji			JP
Tamura; Reiji	Moriya			JP
Ikari; Yoshihiro	Moriya			JP
Fuchioka; Tamotsu	Moriya			JP

US-CL-CURRENT: 430/270.13; 204/192.27, 204/298.07, 369/275.2, 369/275.5, 428/64.5, 428/64.8, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 5. Document ID: US 6805935 B2

L1: Entry 5 of 48

File: USPT

Oct 19, 2004

US-PAT-NO: 6805935

DOCUMENT-IDENTIFIER: US 6805935 B2

TITLE: Optical recording medium

DATE-ISSUED: October 19, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ashida; Sumio	Tokyo			JP
Yusu; Keiichiro	Kanagawa-Ken			JP
Ichihara; Katsutaro	Kanagawa-Ken			JP
Nakamura; Naomasa	Kanagawa-Ken			JP
Ohmachi; Noritake	Chiba-Ken			JP

US-CL-CURRENT: 428/64.1; 428/64.4, 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 6. Document ID: US 6798733 B2

L1: Entry 6 of 48

File: USPT

Sep 28, 2004

US-PAT-NO: 6798733

DOCUMENT-IDENTIFIER: US 6798733 B2

TITLE: Optical recording method and medium

DATE-ISSUED: September 28, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Inoue; Hiroyasu	Chuo-ku			JP
Utsunomiya; Hajime	Chuo-ku			JP
Kato; Tatsuya	Chuo-ku			JP
Shingai; Hiroshi	Chuo-ku			JP

US-CL-CURRENT: 369/275.3; 369/112.23

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 7. Document ID: US 6735165 B1

L1: Entry 7 of 48

File: USPT

May 11, 2004

US-PAT-NO: 6735165

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DOCUMENT-IDENTIFIER: US 6735165 B1

TITLE: Rewritable optical information medium

DATE-ISSUED: May 11, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL
Van Woudenberg; Roel	Eindhoven			NL

US-CL-CURRENT: 369/275.2; 369/275.4, 369/283, 428/64.4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 8. Document ID: US 6724717 B2

L1: Entry 8 of 48

File: USPT

Apr 20, 2004

US-PAT-NO: 6724717

DOCUMENT-IDENTIFIER: US 6724717 B2

TITLE: Optical recording disc

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Noda; Eiji	Kawasaki			JP

US-CL-CURRENT: 369/277

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 9. Document ID: US 6723411 B2

L1: Entry 9 of 48

File: USPT

Apr 20, 2004

US-PAT-NO: 6723411

DOCUMENT-IDENTIFIER: US 6723411 B2

TITLE: Information recording medium and method for manufacturing an information recording medium

DATE-ISSUED: April 20, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirotsune; Akemi	Saitama			JP
Miyamoto; Makoto	Ome			JP

Shintani; Toshimichi	Kodaira	JP
Andoo; Keikichi	Musashino	JP
Anzai; Yumiko	Ome	JP
Kurokawa; Takahiro	Kokubunji	JP

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 10. Document ID: US 6703098 B2

L1: Entry 10 of 48

File: USPT

Mar 9, 2004

US-PAT-NO: 6703098

DOCUMENT-IDENTIFIER: US 6703098 B2

TITLE: Information recording medium and method for manufacturing information recording medium

DATE-ISSUED: March 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hirotsune; Akemi	Saitama			JP
Terao; Motoyasu	Hinode			JP
Ushiyama; Junko	Kokubunji			JP
Minemura; Hiroyuki	Kokubunji			JP
Andoo; Keikichi	Musashino			JP
Anzai; Yumiko	Ome			JP
Miyamoto; Makoto	Ome			JP

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 11. Document ID: US 6677105 B2

L1: Entry 11 of 48

File: USPT

Jan 13, 2004

US-PAT-NO: 6677105

DOCUMENT-IDENTIFIER: US 6677105 B2

TITLE: Self-lubricating layer for data storage devices

DATE-ISSUED: January 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Po Wen	San Jose	CA		

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Cromwell; Evan F. Redwood City CA
Atanda; Olu Campbell CA

US-CL-CURRENT: 430/271.1; 204/192.2, 204/192.26, 369/13.38, 428/64.3, 428/64.6,
430/270.11, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Drawn De
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☐ 12. Document ID: US 6670013 B2

L1: Entry 12 of 48

File: USPT

Dec 30, 2003

US-PAT-NO: 6670013

DOCUMENT-IDENTIFIER: US 6670013 B2

TITLE: Optical recording medium and use of such optical recording medium

DATE-ISSUED: December 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 428/64.4, 428/64.5

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Drawn De
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☐ 13. Document ID: US 6661760 B2

L1: Entry 13 of 48

File: USPT

Dec 9, 2003

US-PAT-NO: 6661760

DOCUMENT-IDENTIFIER: US 6661760 B2

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: December 9, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.11; 369/116, 369/59.12, 369/59.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMMC	Drawn De
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☐ 14. Document ID: US 6638594 B1

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L1: Entry 14 of 48

File: USPT

Oct 28, 2003

US-PAT-NO: 6638594

DOCUMENT-IDENTIFIER: US 6638594 B1

TITLE: Rewritable optical information recording medium

DATE-ISSUED: October 28, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

US-CL-CURRENT: 428/64.4; 428/64.1, 428/64.9

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 15. Document ID: US 6587425 B2

L1: Entry 15 of 48

File: USPT

Jul 1, 2003

US-PAT-NO: 6587425

DOCUMENT-IDENTIFIER: US 6587425 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: July 1, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/275.2; 369/288, 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw De
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☐ 16. Document ID: US 6567367 B2

L1: Entry 16 of 48

File: USPT

May 20, 2003

US-PAT-NO: 6567367

DOCUMENT-IDENTIFIER: US 6567367 B2

TITLE: Multilevel recording and reproduction method and phase change multilevel recording medium

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/116; 369/275.3, 369/47.51

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 17. Document ID: US 6528138 B2

L1: Entry 17 of 48

File: USPT

Mar 4, 2003

US-PAT-NO: 6528138

DOCUMENT-IDENTIFIER: US 6528138 B2

TITLE: Optical information medium

DATE-ISSUED: March 4, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Meinders; Erwin Rinaldo	Eindhoven			NL
Borg; Hermanus Johannes	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 428/64.5, 428/64.6, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 18. Document ID: US 6463020 B2

L1: Entry 18 of 48

File: USPT

Oct 8, 2002

US-PAT-NO: 6463020

DOCUMENT-IDENTIFIER: US 6463020 B2

TITLE: Arrangements for using detected phase differences for setting laser power levels

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minemura; Hiroyuki	Yokohama			JP
Toda; Tsuyoshi	Kodaira			JP

US-CL-CURRENT: 369/47.53; 369/53.34

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 19. Document ID: US 6430114 B1

L1: Entry 19 of 48

File: USPT

Aug 6, 2002

US-PAT-NO: 6430114

DOCUMENT-IDENTIFIER: US 6430114 B1

TITLE: Self-lubricating layer for a data storage disk

DATE-ISSUED: August 6, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wang; Po-Wen	San Jose	CA		
Cromwell; Evan F.	Redwood City	CA		
Atanda; Olu	Campbell	CA		

US-CL-CURRENT: 369/13.38; 428/64.3, 428/64.6

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMMC	Draw De
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☐ 20. Document ID: US 6411579 B1

L1: Entry 20 of 48

File: USPT

Jun 25, 2002

US-PAT-NO: 6411579

DOCUMENT-IDENTIFIER: US 6411579 B1

TITLE: Optical recording method and optical recording medium

DATE-ISSUED: June 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP

US-CL-CURRENT: 369/59.12; 369/116, 369/47.5, 369/59.11

Full	Title	Citation	Front	Review	Classification	Date	Reference				Claims	KMMC	Draw De
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☐ 21. Document ID: US 6355326 B1

L1: Entry 21 of 48

File: USPT

Mar 12, 2002

US-PAT-NO: 6355326

DOCUMENT-IDENTIFIER: US 6355326 B1

TITLE: Phase change optical disk

h e b b g e e e f e e e f b e

DATE-ISSUED: March 12, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lee; Jae-Won	Seoul			KR
Jun; Jung-Ki	Seoul			KR

US-CL-CURRENT: 428/64.1; 369/288, 428/457, 428/64.5, 428/64.6, 428/913, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 22. Document ID: US 6294310 B1

L1: Entry 22 of 48

File: USPT

Sep 25, 2001

US-PAT-NO: 6294310

DOCUMENT-IDENTIFIER: US 6294310 B1

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: September 25, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 369/288, 428/64.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 23. Document ID: US 6274463 B1

L1: Entry 23 of 48

File: USPT

Aug 14, 2001

US-PAT-NO: 6274463

DOCUMENT-IDENTIFIER: US 6274463 B1

TITLE: Fabrication of a photoconductive or a cathoconductive device using lateral solid overgrowth method

DATE-ISSUED: August 14, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chaiken; Alison	Fremont	CA		

US-CL-CURRENT: 438/486; 257/E21.133

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 24. Document ID: US 6269062 B1

L1: Entry 24 of 48

File: USPT

Jul 31, 2001

US-PAT-NO: 6269062

DOCUMENT-IDENTIFIER: US 6269062 B1

TITLE: Arrangements for using detected phase differences for setting laser power levels

DATE-ISSUED: July 31, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Minemura; Hiroyuki	Yokohama			JP
Toda; Tsuyoshi	Kodaira			JP

US-CL-CURRENT: 369/47.53; 369/53.34

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 25. Document ID: US 6254957 B1

L1: Entry 25 of 48

File: USPT

Jul 3, 2001

US-PAT-NO: 6254957

DOCUMENT-IDENTIFIER: US 6254957 B1

TITLE: Rewritable optical information medium

DATE-ISSUED: July 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.5, 428/64.6, 428/913, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 26. Document ID: US 6210770 B1

L1: Entry 26 of 48

File: USPT

Apr 3, 2001

US-PAT-NO: 6210770

DOCUMENT-IDENTIFIER: US 6210770 B1

TITLE: Optical recording medium and method of manufacturing the same

DATE-ISSUED: April 3, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kikuchi; Minoru	Miyagi			JP
Akimoto; Yoshihiro	Miyagi			JP
Takase; Fuminori	Miyagi			JP
Saito; Nobuhiro	Miyagi			JP
Kikuchi; Noriko	Miyagi			JP

US-CL-CURRENT: 428/64.1; 204/192.26, 369/283, 369/288, 428/64.4, 428/64.5, 428/913,
430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 27. Document ID: US 6190750 B1

L1: Entry 27 of 48

File: USPT

Feb 20, 2001

US-PAT-NO: 6190750

DOCUMENT-IDENTIFIER: US 6190750 B1

TITLE: Rewritable optical information medium

DATE-ISSUED: February 20, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wierenga; Harm A.	Eindhoven			NL
Rijpers; Johannes C. N.	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.4, 428/64.5, 428/913,
430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 28. Document ID: US 6159573 A

L1: Entry 28 of 48

File: USPT

Dec 12, 2000

US-PAT-NO: 6159573

DOCUMENT-IDENTIFIER: US 6159573 A

TITLE: Rewritable optical information medium

DATE-ISSUED: December 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

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US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.4, 428/64.5, 428/64.6,
428/913, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWNC	Draw De
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☐ 29. Document ID: US 6154437 A

L1: Entry 29 of 48

File: USPT

Nov 28, 2000

US-PAT-NO: 6154437

DOCUMENT-IDENTIFIER: US 6154437 A

**** See image for Certificate of Correction ****

TITLE: Phase-change optical recording medium and its writing with high reliability after long period use and/or high environmental temperature storage

DATE-ISSUED: November 28, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Utsunomiya; Hajime	Nagano			JP
Kato; Tatsuya	Nagano			JP
Kikukawa; Takashi	Nagano			JP

US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWNC	Draw De
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☐ 30. Document ID: US 6143468 A

L1: Entry 30 of 48

File: USPT

Nov 7, 2000

US-PAT-NO: 6143468

DOCUMENT-IDENTIFIER: US 6143468 A

TITLE: Optical information recording medium and optical recording method

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ohno; Takashi	Yokohama			JP
Horie; Michikazu	Yokohama			JP

US-CL-CURRENT: 430/270.13; 369/275.2, 369/275.5, 428/64.5, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWNC	Draw De
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☐ 31. Document ID: US 6128273 A

h e b b g e e f e e ef b e

L1: Entry 31 of 48

File: USPT

Oct 3, 2000

US-PAT-NO: 6128273

DOCUMENT-IDENTIFIER: US 6128273 A

TITLE: Optical phase-change disc

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP
Takada; Ken-Ichi	Miyagi			JP

US-CL-CURRENT: 369/275.4; 369/275.1, 369/44.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 32. Document ID: US 6127049 A

L1: Entry 32 of 48

File: USPT

Oct 3, 2000

US-PAT-NO: 6127049

DOCUMENT-IDENTIFIER: US 6127049 A

TITLE: Rewritable optical information medium

DATE-ISSUED: October 3, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL
Jacobs; Bernardus A. J.	Eindhoven			NL

US-CL-CURRENT: 428/641; 369/283, 369/288, 428/64.2, 428/64.4, 428/64.5, 428/64.6,
428/913, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWAC	Draw De
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☐ 33. Document ID: US 6115353 A

L1: Entry 33 of 48

File: USPT

Sep 5, 2000

US-PAT-NO: 6115353
DOCUMENT-IDENTIFIER: US 6115353 A

TITLE: Optical phase-change disc having a grooved substrate, with the groove having specific wobbled and non-wobbled regions

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP
Takada; Ken-Ichi	Miyagi			JP

US-CL-CURRENT: 369/275.4; 369/275.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 34. Document ID: US 6115351 A

L1: Entry 34 of 48

File: USPT

Sep 5, 2000

US-PAT-NO: 6115351
DOCUMENT-IDENTIFIER: US 6115351 A

TITLE: Phase change optical recording medium and its writing with high reliability after long period use and/or high environmental temperature storage

DATE-ISSUED: September 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Utsunomiya; Hajime	Nagano			JP
Kato; Tatsuya	Nagano			JP
Inoue; Hiroyasu	Nagano			JP

US-CL-CURRENT: 369/275.2; 428/64.4, 430/270.13

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 35. Document ID: US 6040066 A

L1: Entry 35 of 48

File: USPT

Mar 21, 2000

US-PAT-NO: 6040066

h e b b g e e e f e e e f b e

DOCUMENT-IDENTIFIER: US 6040066 A

TITLE: Rewritable optical information medium

DATE-ISSUED: March 21, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL
Jacobs; Bernardus A.J.	Eindhoven			NL
Rijpers; Johannes C.N.	Eindhoven			NL
Borg; Hermanus J.	Eindhoven			NL

US-CL-CURRENT: 428/641; 369/283, 369/288, 428/457, 428/64.4, 428/64.5, 428/64.6,
428/913, 430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 36. Document ID: US 5986997 A

L1: Entry 36 of 48

File: USPT

Nov 16, 1999

US-PAT-NO: 5986997

DOCUMENT-IDENTIFIER: US 5986997 A

TITLE: Updatable optical data storage disc having reduced crosstalk between tracks,
and drive for same

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Challener, IV; William A.	Grant Township	MN		

US-CL-CURRENT: 369/121; 369/107, 369/275.1, 369/275.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw De
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☐ 37. Document ID: US 5974025 A

L1: Entry 37 of 48

File: USPT

Oct 26, 1999

US-PAT-NO: 5974025

DOCUMENT-IDENTIFIER: US 5974025 A

**** See image for Certificate of Correction ****

TITLE: Optical recording medium and recording and reproducing method using the same

DATE-ISSUED: October 26, 1999

h e b b g e e e f e e e f b e

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Yamada; Katsuyuki	Shizuoka			JP
Nakamura; Yuki	Shizuoka			JP
Noda; Eiiji	Shizuoka			JP
Hattori; Kyohji	Shizuoka			JP
Aihara; Kenichi	Shizuoka			JP
Ohmi; Fumiya	Shizuoka			JP
Kaneko; Yujiro	Shizuoka			JP

US-CL-CURRENT: 369/288; 428/64.1, 428/64.4

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 38. Document ID: US 5965229 A

L1: Entry 38 of 48

File: USPT

Oct 12, 1999

US-PAT-NO: 5965229

DOCUMENT-IDENTIFIER: US 5965229 A

TITLE: Optical recording medium

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL
Jacobs; Bernardus A. J.	Eindhoven			NL

US-CL-CURRENT: 428/64.4; 369/116, 369/284, 428/64.1, 428/64.2, 428/64.6, 430/271.1,
430/273.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw Ds
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☐ 39. Document ID: US 5935672 A

L1: Entry 39 of 48

File: USPT

Aug 10, 1999

US-PAT-NO: 5935672

DOCUMENT-IDENTIFIER: US 5935672 A

TITLE: Reversible optical information medium

DATE-ISSUED: August 10, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guo-Fu	Eindhoven			NL

h e b b g e e e f e e ef b e

Coombs; James H. Eindhoven NL
Duchateau; Johan P. W. B. Eindhoven NL

US-CL-CURRENT: 428/64.1; 369/275.1, 369/275.4, 369/283, 369/288, 428/457, 428/64.2,
428/64.4, 428/64.5, 428/64.6, 428/64.7, 428/688, 428/913, 430/270.13, 430/495.1,
430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw De
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☐ 40. Document ID: US 5876822 A

L1: Entry 40 of 48

File: USPT

Mar 2, 1999

US-PAT-NO: 5876822

DOCUMENT-IDENTIFIER: US 5876822 A

TITLE: Reversible optical information medium

DATE-ISSUED: March 2, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Zhou; Guofu F.	Eindhoven			NL
Coombs; James H.	Eindhoven			NL
Duchateau; Johan P. W. B.	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 369/275.4, 369/283, 369/288, 428/64.4, 428/64.5, 428/913,
430/270.13, 430/495.1, 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KNOC	Draw De
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☐ 41. Document ID: US 5874147 A

L1: Entry 41 of 48

File: USPT

Feb 23, 1999

US-PAT-NO: 5874147

DOCUMENT-IDENTIFIER: US 5874147 A

TITLE: Column III metal nitride films as phase change media for optical recording

DATE-ISSUED: February 23, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Bojarczuk, Jr.; Nestor Alexander	Poughkeepsie	NY		
Guha; Supratik	Yorktown Heights	NY		
Gupta; Arunava	Valley Cottage	NY		
Tang; Wade Wai-Chung	San Jose	CA		

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/64.4, 428/65.2, 428/698, 428/699,

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428/702, 428/913, 430/270.12, 430/495.1 , 430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMAC	Draw De
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☐ 42. Document ID: US 5862123 A

L1: Entry 42 of 48

File: USPT

Jan 19, 1999

US-PAT-NO: 5862123

DOCUMENT-IDENTIFIER: US 5862123 A

TITLE: Optical phase-change disc

DATE-ISSUED: January 19, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Horie; Michikazu	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Kubo; Hideyuki	Kanagawa			JP
Kubo; Masae	Kanagawa			JP
Mizuno; Hironobu	Kanagawa			JP
Mizuno; Masaaki	Kanagawa			JP
Kunitomo; Haruo	Okayama			JP
Takada; Ken-Ichi	Miyagi			JP

US-CL-CURRENT: 369/275.4; 369/275.1, 369/44.13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KMAC	Draw De
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☐ 43. Document ID: US 5848043 A

L1: Entry 43 of 48

File: USPT

Dec 8, 1998

US-PAT-NO: 5848043

DOCUMENT-IDENTIFIER: US 5848043 A

TITLE: Modulation of laser power in accordance with a linear velocity by pulse division schemes

DATE-ISSUED: December 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takada; Ken' Ichi	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP
Kunitomo; Haruo	Kanagawa			JP

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US-CL-CURRENT: 369/53.3; 369/116

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 44. Document ID: US 5818808 A

L1: Entry 44 of 48

File: USPT

Oct 6, 1998

US-PAT-NO: 5818808

DOCUMENT-IDENTIFIER: US 5818808 A

TITLE: Optical recording process and optical recording system

DATE-ISSUED: October 6, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Takada; Ken'Ichi	Kanagawa			JP
Ohno; Takashi	Kanagawa			JP
Nobukuni; Natsuko	Kanagawa			JP
Horie; Michikazu	Kanagawa			JP
Kunitomo; Haruo	Kanagawa			JP

US-CL-CURRENT: 369/116; 369/275.2, 369/275.5, 369/283, 369/288, 428/64.6

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw D
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☐ 45. Document ID: US 5604003 A

L1: Entry 45 of 48

File: USPT

Feb 18, 1997

US-PAT-NO: 5604003

DOCUMENT-IDENTIFIER: US 5604003 A

TITLE: Optical information carrier

DATE-ISSUED: February 18, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Coombs; James H.	Eindhoven			NL
van Es-Spiekman; Wilma	Eindhoven			NL
Jacobs; Bernardus A. J.	Eindhoven			NL
Jongenelis; Adrianus P. J. M.	Eindhoven			NL

US-CL-CURRENT: 428/64.1; 369/283, 369/288, 428/457, 428/64.2, 428/64.4, 428/64.5,
428/64.6, 428/913, 430/270.1, 430/270.11, 430/270.12, 430/270.13, 430/495.1,
430/945

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 46. Document ID: US 5541909 A

L1: Entry 46 of 48

File: USPT

Jul 30, 1996

US-PAT-NO: 5541909

DOCUMENT-IDENTIFIER: US 5541909 A

TITLE: Optical disc with phase pits and a reproducing apparatus for data recorded on the optical disc

DATE-ISSUED: July 30, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nakajima; Junji	Yokohama			JP
Ohnishi; Kunikazu	Yokosuka			JP
Sasaki; Tooru	Yokohama			JP
Miyamoto; Makoto	Kanagawa-ken			JP
Kurebayashi; Masaaki	Ebina			JP
Suzuki; Yoshio	Yokohama			JP
Inoue; Masayuki	Yokohama			JP
Tanaka; Hisamitsu	Yokohama			JP
Suzuki; Motoyuki	Yokohama			JP
Fukui; Yukio	Tokyo			JP

US-CL-CURRENT: 369/275.1

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KMC	Draw D
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☐ 47. Document ID: US 5304440 A

L1: Entry 47 of 48

File: USPT

Apr 19, 1994

US-PAT-NO: 5304440

DOCUMENT-IDENTIFIER: US 5304440 A

TITLE: Optical disk

DATE-ISSUED: April 19, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ono; Masumi	Kanagawa			JP
Fukumoto; Atsushi	Kanagawa			JP
Yasuda; Kouichi	Kanagawa			JP

US-CL-CURRENT: 430/21; 430/13, 430/270.13, 430/945, 430/964

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Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawn De
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☐ 48. Document ID: US 5107482 A

L1: Entry 48 of 48

File: USPT

Apr 21, 1992

US-PAT-NO: 5107482

DOCUMENT-IDENTIFIER: US 5107482 A

TITLE: Optical information recording method and apparatus and recording medium used therefor

DATE-ISSUED: April 21, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goto; Norio	Tokyo			JP
Ishigaki; Masaji	Yokohama			JP
Fukui; Yukio	Tokyo			JP

US-CL-CURRENT: 369/100; 369/116, 369/275.2

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Drawn De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(medi\$2 or dis\$2 or carrier) same optical same phase adj2 change same recrystal\$	48

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